

**IN THE ABSTRACT**

Please replace the abstract with the following amended paragraph.

A network-based method and system for analyzing and displaying reliability data from a user ~~records~~is provided. The method includes recording reliability data, ~~obtains~~obtaining unreliability plots, ~~obtains~~obtaining Weibull ~~distribut~~ion~~ion~~distribution parameters, ~~creates~~creating control charts for those parameters over time, and ~~obtains~~obtaining hypothesis tests to ensure reliability has not changed due to process variation.